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Title: **JP01240517A2: PRODUCTION OF POLYMER AND PRECURSOR**

Derwent Title: Polymer useful for preparing optical disc - obtd. e.g. from 8-methyl-8-carboxymethyl:tetra:cyclo- dodecene [\[Derwent Record\]](#)

Country: JP Japan

Kind: A (See also: [JP02825157B2](#))

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Assignee: **JAPAN SYNTHETIC RUBBER CO LTD**
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Published / Filed: **1989-09-26 / 1988-03-22**

Application Number: **JP1988000065817**

IPC Code: **IPC-7: C08G 61/08;**

Priority Number: **1988-03-22 JP1988000065817**

Abstract: **PURPOSE:** To obtain a polymer, excellent in transparency, low water absorption, thermal stability, moldability, strength and adhesiveness to recording layers and useful as optical disks, etc., by subjecting a specific polycyclic unsaturated ester compound to ring opening polymerization in the presence of a metathetic catalyst and hydrogenating the resultant polymer.
CONSTITUTION: A polycyclic unsaturated ester compound expressed by formula I (R1 and R2 are 1-6C chainlike hydrocarbon, etc.) (e.g., 8-methyl-8- carboxymethyltetracyclo[4.4.0.12,5.17,10]-3-dodecene) is subjected to ring opening polymerization in the presence of a metathetic catalyst to provide a polymer, containing $\geq 50\text{wt.}\%$ recurring units expressed by formula II and having 5,000-1,000,000 number-average molecular weight converted into polystyrene. The resultant polymer is then hydrogenated in an amount of at least $\geq 50\text{wt.}\%$ to afford the aimed polymer expressed by formula III.
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Forward References:**Go to Result Set:** [Forward references \(2\)](#)

PDF	Patent	Pub.Date	Inventor	Assignee	Title
	US6625379	2003-09-23	Azuma; Naoki	Asahi Kasei Kogyo Kabushiki Kaisha	Light-conducting plat of producing the sam
	US6403742	2002-06-11	Oshima;	JSR Corporation	Olefin copolymer hav group, production pro

		Noboru	and rubber composit
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Other Abstract
Info:

[DERABS C89-321361](#) [DERC89-321361](#)



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